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SUBJECT: LONG LINEAR ARRAYS

1. QUESTION OF POSSIBLE USE OF LONG LINEAR ARRAYS AS OHD RADARS HAS BEEN RAISED AGAIN. REMEMBERING OUR DISCUSSIONS OF THIS, CAN YOU QUOTE:

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A. REFERENCE OF THE 1968 [] REPORT IN WHICH YOU HAD ALL THE ARRAYS INVESTIGATED.

B. REFERENCE OF JPRS TRANSLATION IN WHICH SOVIETS DESCRIBED LONG LINEAR ARRAYS.

C. REFERENCE OF [] OR BBD MONITORING SERVICE REPORT (IF ANY) ON D/F OF SOVIET OVERSEAS BROADCASTS TO KNOWN LOCATIONS OF LINEAR ARRAYS.

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D. REFERENCE OF CURRENT CCIR FREQUENCY ALLOCATIONS IN WHICH LOCATIONS OF LONG LINEAR ARRAYS WERE LISTED.

2. DID YOU INCLUDE A SECTION IN THE REPORT OF 1 (A) ABOVE SHOWING THAT THESE ARRAYS WERE PROBABLY FOR SHORT WAVE BROADCAST USE. IF NOT, HAVE YOU A REFERENCE TO ANY OTHER REPORT IN WHICH

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3. DO YOU KNOW IF ANY SOVIET BROADCAST SIGNAL HAS BEEN EXAMINED TO SEE IF THE LOW FREQUENCIES HAVE BEEN SUPPRESSED IN THE SIDEBANDS ADJACENT TO THE CARRIER? SUPPRESSION OF SAY PLUS/ MINUS 400 HZ EACH SIDE OF THE CARRIER WOULD ALLOW USE OF THE SIGNAL FOR OHD, PROVIDED ONLY GENERAL AREA COVERAGE WAS REQUIRED RATHER THAN SPOT TARGET COVER.

4. SUGGESTION HERE THAT LONG LINEAR ARRAYS ARE BEING USED FOR OHD IS COUPLED WITH SUGGESTION THAT SPREAD SPECTRUM SIGNAL MIGHT BE USED. DO NOT CONSIDER THIS LIKELY BUT WOULD WELCOME YOUR COMMENTS.

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